



143.10 PARTIALLY DETERIORATED
OVALITY = 3.0%

RANNOCK AVENUE

HARSTONE RD

RIM 235.98
INV E 229.63
INV S 229.64
INV W 229.63

MH ID S-MH60001950
MH OPENING - 521Ø
MH RISERS - 750Ø
MH BASE - 1200Ø

RIM 235.73
INV N 229.27
INV S 229.33
INV W 229.35

250 CONC WWS
TO BE LINED
(SEE DWG 9047)

FOR CONTINUATION
SEE DWG 9047

FOR CONTINUATION
SEE DWG 9041

200 CONC WWS
TO BE LINED
(SEE DWG 9041)

143.10 OF 250 CONC WWS TO BE LINED
SEWER ID S-MA60002613

MH ID S-MH60001951
MH OPENING - 521Ø
MH RISERS - 750Ø
MH BASE - 1200Ø

MIRAMAR RD

SEWER JUNCTION INFORMATION FROM SEWER VIDEO INSPECTION SEWER ID S-MA60002613				
DISTANCE FROM MH ID S-MH60001950				
17.30	E	100Ø	TOP	JN
23.30	E	100Ø	TOP	JN
51.00	E	100Ø	TOP	JN
60.30	E	100Ø	TOP	JN
64.80	E	100Ø	TOP	JN
78.80	E	100Ø	TOP	JN
89.50	E	100Ø	TOP	JN
104.90	E	100Ø	TOP	JN
106.40	E	100Ø	SOUTH	JN
109.70	E	100Ø	TOP	CXI

METRIC
WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES

B.M. ELEV.	FIELD BOOK #:	CITY OF WINNIPEG WATER AND WASTE ENGINEERING DIVISION		THE CITY OF WINNIPEG WATER AND WASTE DEPARTMENT	
POSTED TO LBIS		DESIGNED BY: SC	CHECKED BY: SC	2009 SEWER RENEWALS BY CIPP LININGS, CONTRACT 15	
		DRAWN BY: WKT/CJH	APPROVED BY: KZ	RANNOCK AVENUE MH AT MIRAMAR ROAD TO MH AT HARSTONE ROAD	
		HOR. SCALE 1:500 VERTICAL	RELEASED FOR CONSTRUCTION	SHEET 28 OF 45 CITY DRAWING NUMBER 9048	
NO.	REVISIONS	DATE	BY	DATE	2009 09 25

ENGINEER'S SEAL

**ORIGINAL
SIGNED BY
S.R.J.
COURNOYER
09/09/28**

BID OPPORTUNITY: 567-2009
FILENAME : 9048.dwg
PLOT DATE : 2009 09 28